AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1-49. (Canceled)

50. (Currently amended) A method for recording, on a storage medium, ~~containing~~ digital video information obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data:

said digital video information comprising video data units, each of said video data units comprising a sequence of said I-picture data, said P-picture data and said B-picture data,

wherein each of said video data units has a control data packet containing control information for reproducing said digital video information, said control data packet preceding I-picture data of a corresponding video data unit,

wherein said control information includes a start address of a previous video data unit and a next video data unit, and address information identifying an end of said I-picture data contained in the corresponding video data unit,

wherein a reproducing apparatus accesses said control data packet during playback operation and uses said control information included in said control data packet for reproducing said digital video information.

51. (Currently amended) An apparatus for reproducing digital video information contained in a storage medium created according to the method of claim 50, wherein said control information is used to reproduce said digital video information.

52. (Currently amended) A method for reproducing digital video information contained in a storage medium created according to the method of claim 50, wherein said control information is used to reproduce said digital video information.

53. (Currently amended) A method for recording digital video information on a storage medium, said digital video information being obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data, said method comprising:

forming video data units, each of said video data units comprising a sequence of said I-picture data, said P-picture data and said B-picture data,

creating a control data packet containing control information for reproducing said digital video information, said control information including a start address of a previous video data unit and a next video data unit, and information for identifying an end of said I-picture data contained in the corresponding video data unit, said control data packet preceding I-picture data of a corresponding video data unit,

forming a system stream comprising said video data units, each of said video data units having said control data, and

recording said system stream on said storage medium.

54. (Currently amended) ~~A~~ An apparatus for reproducing digital video information contained in a storage medium containing digital video information recorded by a method according to claim 53, wherein a said reproducing apparatus accesses said control data packet during playback operation and uses said control information included in said control data packet for reproducing said digital video information.

55. (Currently amended) A ~~storage medium~~ method for recording according to claim 50, wherein said control information includes bit rate information of said digital video information.

56. (Previously Presented) A method for recording digital video information according to claim 53, wherein said control information includes bit rate information of said digital video information.

57. (Currently Amended) A method for recording, on a storage medium, ~~containing~~ digital video information obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data, said digital information comprising:

digital video information comprising video data units, each video data unit comprising a sequence of said I-picture data, said P-picture data and said B-picture data; and

control information including position information representing an end position of said I-picture data included in said video data unit, said control information preceding I-picture data of a corresponding video data unit;

wherein a reproducing apparatus recognizes the I-picture data based on said position information.

58. (Currently amended) A method for recording ~~storage medium~~ according to claim 57, wherein said position information is represented by a data amount of I-picture data.

59. (Currently amended) A reproducing apparatus for reproducing digital video information contained in a storage medium created according to the method of claim 57, wherein said control information is used to reproduce said digital video information.

60. (Currently amended) A reproducing method for reproducing digital video information contained in a storage medium created according to the method of claim 57, wherein said control information is used to reproduce said digital video information.

61. (Currently amended) A method for recording digital video information on a storage medium, said digital video information being obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture

data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data, said method comprising steps of:

forming video data units, each video data unit comprising a sequence of said I-picture data, said P-picture data and said B-picture data;

creating control information unit including position information representing an end position of said I-picture data included in said video data unit, said control information preceding I-picture data of a corresponding video data unit, and

recording said video data unit and said control information unit on said storage medium.

62. (Currently amended) ~~A~~ An apparatus for reproducing digital video information contained in a storage medium containing digital video information recorded by a method according to claim 61, wherein a said reproducing apparatus recognizes said I-picture data based on said position information.

63. (Currently amended) An apparatus for reproducing digital video information contained in a storage medium created according to the method of claim 50, which performs speed play by accessing I-picture data based on said control information.

64. (Currently amended) An apparatus for reproducing digital video information contained in a storage medium created according to the method of claim 57, which performs speed play by accessing I-picture data based on said control information.